

## II. CLAIMS

1. -- 36. (Cancelled)

37. (Currently Amended) A method comprising:

comparing a previously recorded activity to an ongoing activity using a measurement device by:

loading previously recorded measurement data of a virtual friend relating to a previous activity into a memory of the measurement device, the previously recorded measurement data comprising measurement data associated with a plurality of consecutive position measurement points—sets on a route, each consecutive measurement point set being defined by a GPS position measurement, wherein each GPS position measurement also includesing a heart rate measurement, a time stamp, ~~a GPS position measurement~~ and an altitude measurement;

comparing, during the ongoing activity, the previously recorded GPS position measurement data in the memory to the current GPS position measurement data measured with the measurement device corresponding to the ongoing activity, the current GPS position measurement data including a heart rate measurement, a time stamp and an altitude measurement for each measured position along the route of the ongoing activity; the comparison including a position by position comparison of the heart rate, time stamp and altitude for each of the previous activity and the ongoing activity; and

using a feedback means of the measurement device to provide a user of the measurement device with a feedback in response to the position by position comparison, said providing a user with a feedback comprising:

continuously measuring the ongoing activity with the measurement device, and providing the user of the measurement device with feedback at the same time, and

indicating how much the user of the measurement device has been fallen below, on a position by position basis, as compared with the previously recorded measurement

data of the virtual friend on said route.

38. (Previously Presented) The method according to claim 37, wherein said previously recorded measurement data of the virtual friend comprises measurement data having been recorded by the user earlier using his/her own measurement device or measurement data having been recorded by someone else using his/her own measurement device.

39. (Cancelled)

40. (Previously Presented) The method according to claim 37, wherein said step of comparing comprises comparing corresponding measurement points of the previously recorded measurement data in the memory and the current measurement data measured with the measurement device.

41. (Previously Presented) The method according to claim 40, wherein said step of comparing further comprises comparing at least one of an elapsed time, speed, distance and heart rate.

42. (Previously Presented) The method according to claim 37, wherein the method further comprises setting at least one predetermined limit for providing the user of the measurement device with feedback.

43. (Previously Presented) The method according to claim 42, wherein the method further comprises providing the user of the measurement device with feedback only when the at least one predetermined limit is exceeded.

44. (Previously Presented) The method according to claim 42, wherein the method further comprises the step of: providing the user of the measurement device with feedback only when the at least one predetermined limit is gone under.

45. (Previously Presented) The method according to claim 37, wherein the feedback is a sound signal.

46. (Previously Presented) The method according to claim 37, wherein the feedback is a visually readable feedback from a display.

47. (Previously Presented) The method according to claim 46, wherein the display is integrated to the measurement device.

48. (Previously Presented) The method according to claim 46, wherein the display is an external device connected to the measurement device.

49. (Currently Amended) A measurement device configured to record an activity and to compare a recorded activity to an ongoing activity comprising:

input means configured to load previously recorded measurement data of a virtual friend relating to a previous activity into a memory of the measurement device, the previously recorded measurement data comprising a GPS position measurement data set of a plurality of consecutive measurement points on a route, each GPS position measurement data set including a heart rate measurement, a time stamp, ~~a GPS position measurement~~ and an altitude measurement for each measured position on the route;

a data processing unit configured to compare, on a position by position basis, during the ongoing activity, the previously recorded GPS measurement data set in the memory to a current GPS measurement data set corresponding to the ongoing activity measured with the measurement device, the current GPS measurement data set including a heart rate measurement, a time stamp and an altitude measurement for each measured position on the route; and

feedback means configured to provide a user of the measurement device with a feedback in response to the position by position comparison, wherein said providing a user with a feedback comprises:

continuously measuring the current GPS measurement data set of the ongoing activity with the measurement device, and providing the user of the measurement device with feedback of the position by position comparison at the same time, and

indicating how much the user of the measurement device has been fallen below, for each measured position on the route, ~~compared with~~ the previously recorded measurement data of the virtual friend on said route.

50. (Cancelled)

51. (Previously Presented) The measurement device according to claim 49, wherein the data processing unit is configured to compare corresponding measurement points of the recorded measurement data of the virtual friend in the memory and the current measurement data measured with the measurement device.

52. (Previously Presented) The measurement device according to claim 51, wherein the data processing unit is further configured to compare at least one of an elapsed time, speed, distance and heart rate.

53. (Previously Presented) The measurement device according to claim 49, wherein the data processing unit is configured to set at least one predetermined limit for providing the user of the measurement device with feedback.

54. (Previously Presented) The measurement device according to claim 53, wherein the feedback means are configured to provide the user of the measurement device with feedback only when the at least one predetermined limit is exceeded.

55. (Previously Presented) The measurement device according to claim 53, wherein the feedback means are configured to provide the user of the measurement device with feedback only when the at least one predetermined limit is gone under.

56. (Previously Presented) The measurement device according to claim 49, wherein the feedback means are configured to provide the user with feedback using sound signals.

57. (Previously Presented) The measurement device according to claim 49, wherein the feedback means are configured to provide the user with feedback using readable feedback

from a display.

58. (Previously Presented) The measurement device according to claim 57, wherein the display is integrated to the measurement device.

59. (Previously Presented) The measurement device according to claim 57, wherein the display is an external device connected to the measurement device.

60. (Previously Presented) The measurement device according to claim 49, wherein the measurement device is a hand-held measurement device.